




2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

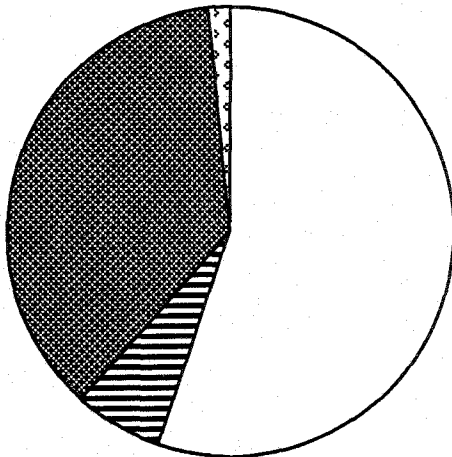


STORM SEWER SYSTEM

STORM SEWER SYSTEM CAPITAL PROGRAM

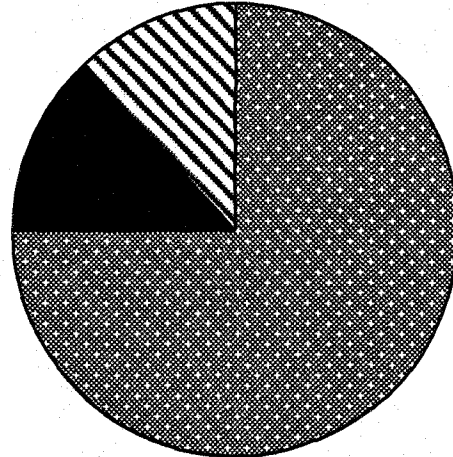
2005-2009 Capital Improvement Program

2004-2005 Proposed
Source of Funds



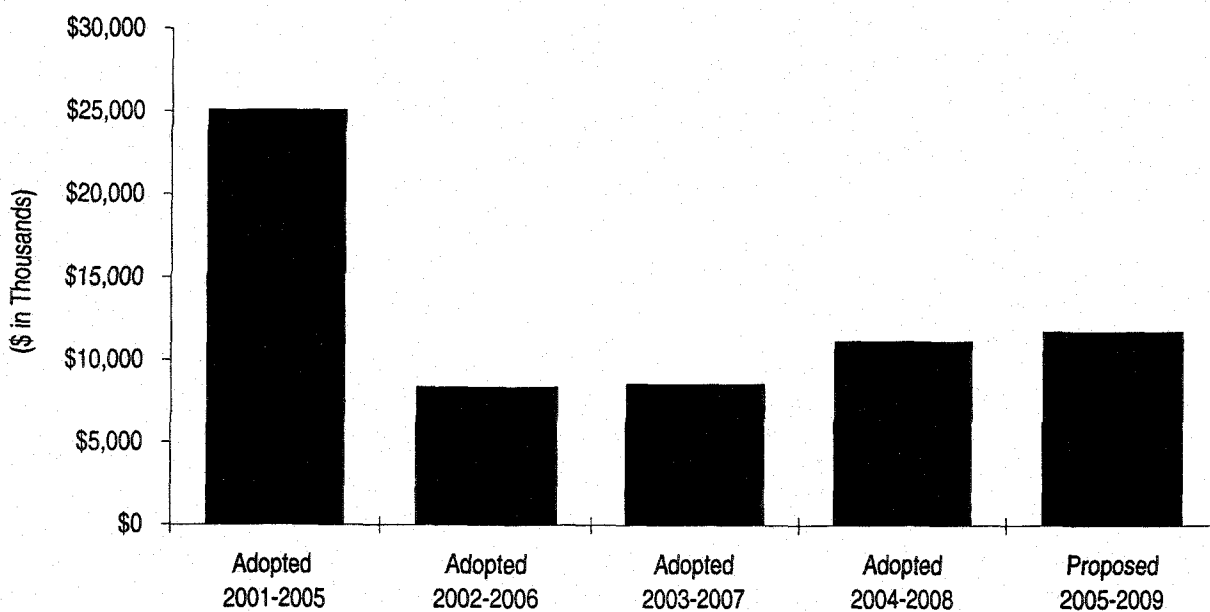
- Beginning Fund Balance
- ▨ Fees and Charges
- ▤ Loans & Transfers
- ▦ Miscellaneous

2004-2005 Proposed
Use of Funds



- ▦ Construction
- Non-Construction
- ▤ Ending Fund Balance

CIP History



2005-2009 CAPITAL IMPROVEMENT PROGRAM

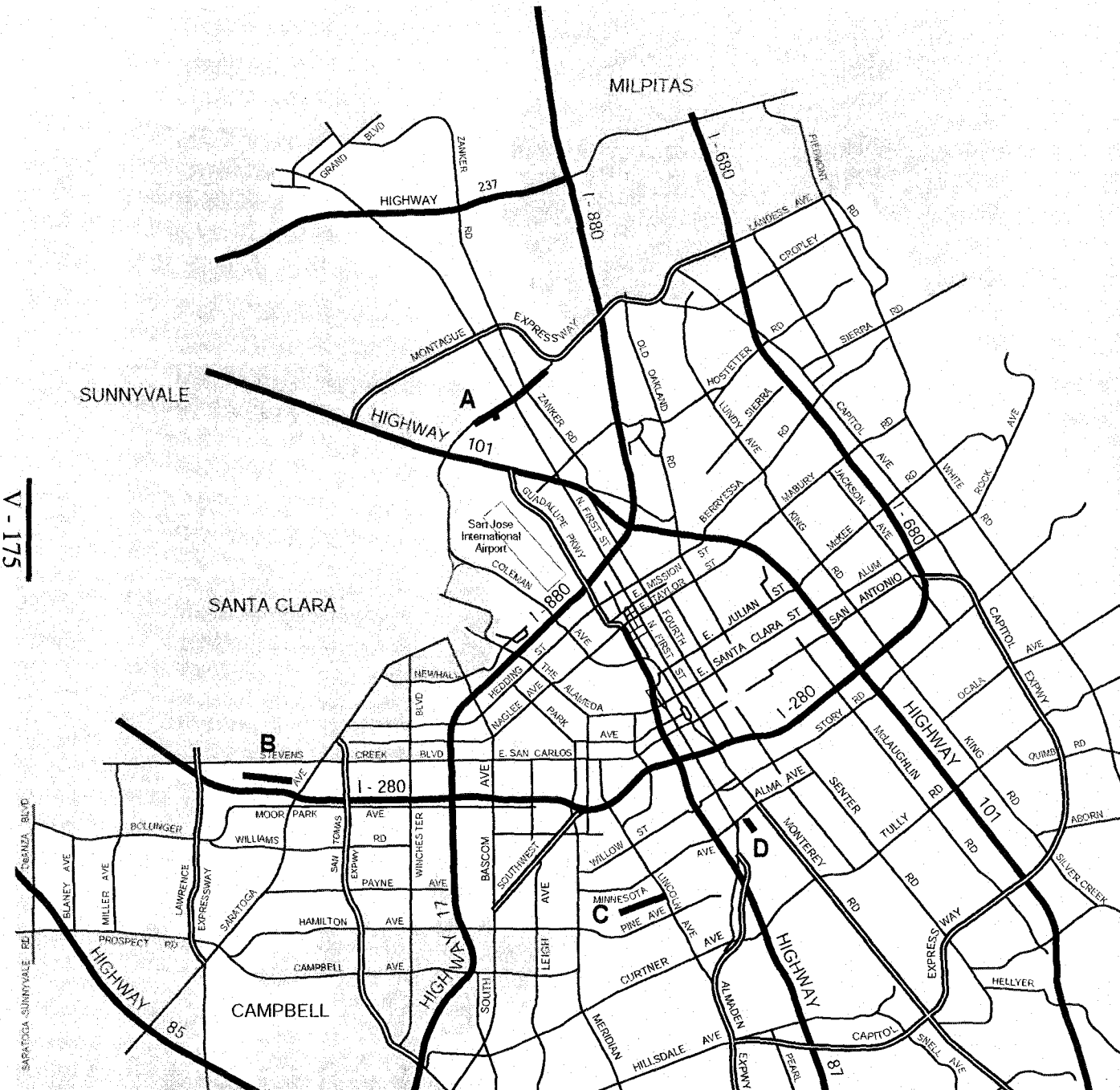
STORM SEWER SYSTEM

NORTHERN SAN JOSE

URBAN SERVICE AREA

— APPROXIMATE PROJECT LOCATION

- A RINCON STORM SYSTEM IMPROVEMENTS PHASE II
- B ALBANY-KIELY STORM DRAINAGE IMPROVEMENT, PHASE II
- C WILLOW GLEN-GUADALUPE, PHASE II
- D ALMA STORM DRAIN



Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Overview

Introduction

The purpose of the Storm Sewer System is to collect storm water separate from the Sanitary Sewer System, assure its quality through best management practices, and convey it to nearby creeks and rivers. Most of the water flows northward to the Guadalupe River or Coyote Creek. The 2005-2009 Proposed Capital Improvement Program (CIP) provides funding of \$11.8 million, of which \$6.9 million is allocated in 2004-2005.

This program is part of the Environmental and Utility Services City Service Area (CSA) and supports the *Reliable Utility Infrastructure* outcome.

Program Priorities and Objectives

In accordance with the City's General Plan, the goal of the Storm Sewer System Capital Program is to reduce the risk of drainage-related surface damage and to protect the quality of storm water runoff. This complies with the municipal storm sewer discharge permit issued to the City by the Regional Water Quality Control Board under the regulations mandated by the Environmental Protection Agency. The City of San José is responsible for constructing, as budgets and City Council priorities permit, facilities for conveying surface runoff in the City's Urban Service Area to adjacent stream channels. Construction of flood control facilities and the modification and maintenance of stream channels are the responsibility of the Santa Clara Valley Water District and the U.S. Army Corps of Engineers.

The existing storm sewer system is approximately 900 miles long within the

urban service boundary. San José's Storm Sewer System capacity in most areas can accommodate a three-year storm event. However, there are certain areas in which the storm system has a one-year storm capacity or less.

Storm sewer systems in newly developed areas are primarily constructed by the developers as a condition of development. The CIP provides for projects in developed areas to enhance existing capacity and improve operations and maintenance.

Sources of Funding

Revenue for the 2005-2009 Proposed CIP is derived from three sources: transfers from the Storm Sewer Operating Fund (\$5.4 million), Storm Drainage Fees (\$2.3 million), and interest earnings (\$189,000).

The Storm Sewer Operating Fund provides funding for capital improvement projects, street sweeping, storm system maintenance, Storm Drain Management System (SDMS), and the federally mandated Non-Point Source Pollution Control Program through Storm Sewer Service Charge fees. These charges are assessed annually on properties and collected with the property taxes. A portion of this revenue is transferred to the Storm Sewer Capital Fund to support capital projects.

A three-year rate strategy was approved by the City Council in June 2002 to increase the Storm Sewer Service Charge Fee, by 4% in 2002-2003 to 4.5% annually thereafter, to ensure the fiscal health of the storm sewer system and continue a modest capital program. This CIP assumes the third and final year of the three-year strategy to increase

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Overview

Sources of Funding (Cont'd.)

the Storm Sewer Service Charge Fee by 4.5%. Because no rate increases beyond that point are assumed, the transfers from the Storm Sewer Operating Fund (\$5.4 million) reflect a decrease of 8% compared to the transfer programmed in the 2004-2008 Adopted Capital Budget. Without the continuation of a rate increase, there will be less funding available to transfer from the Operating Fund to the Capital Fund. To continue a modest investment in the capital infrastructure and ensure the fiscal health of the Storm Sewer Operating Fund, an additional three-year 4.5% rate increase from 2005-2006 to 2007-2008 will be brought forward for Council consideration next year. If this increase is approved, additional capital projects would be incorporated into the CIP.

The Storm Drainage Fee is charged as a connection fee to the owner/developer of any project that will discharge storm water, surface water, or ground water runoff into the City's storm drainage system. Revenues are projected to total \$2.3 million over the five years of the 2005-2009 CIP, which represents a 28% increase compared to the 2004-2008 Adopted Capital Budget.

Program Highlights

With only the last year of the existing Storm Sewer Service Charge Fee three-year rate strategy assumed, a modest capital program is represented in this CIP. The projects included in the Storm Sewer System Capital Program, as a result of these increases, include Willow Glen-Guadalupe Drainage Improvement Phase II (\$2.0 million), Albany-Kiely Storm Drainage Improvement Phase II

(\$2.0 million), Chateau Drive Storm Drain Improvement Phase I (\$1.3 million), and a series of minor neighborhood storm drain improvements (\$1.4 million). All of these projects will include the installation of technology and infrastructure that is designed to improve the water quality of the runoff.

Willow Glen-Guadalupe Drainage Improvement Phase II

- Phase I, located along Willow Glen Way, Lincoln, Nevada, and Mildred Avenues, and the outfall at the Guadalupe River was completed in 1999.
- Phase II, located west of Lincoln Avenue, between Pine, Nevada, Glenwood and Mildred Avenues, is scheduled for completion in September 2005.

The Phase II project consists of the installation and rehabilitation of existing storm drainage pipe as well as the water quality devices described above. These improvements will also help alleviate recurring drainage problems in the area.

Albany-Kiely Storm Drainage Improvement Phase II

- Phase I, located along Albany Drive and Kiely Boulevard, between Lopina Way and San Tomas Creek was completed in 1998.
- Phase II, located along Albany Drive, between Stevens Creek Boulevard and Richfield Drive, is scheduled for completion in October 2005.

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Albany-Kiely Storm Drainage Improvement Phase II (Cont'd.)

These improvements will also help alleviate recurring drainage problems in the Albany-Kiely neighborhood through the installation and rehabilitation of existing storm drainage pipe as well as water quality devices.

Chateau Drive Storm Drain Improvement Phase I

- Phase I, located on Chateau Drive near Hampton Drive, includes the upsizing of the existing storm drain to address periodic flooding. This project is scheduled to be completed in 2007.

Minor Neighborhood Storm Drain Improvements

Various neighborhood storm drain improvement projects will be completed throughout the City. These projects include new inlets and laterals and the reestablishment of the construction of flow-lines so as to provide relief for minor drainage problems and address water quality issues. To address these needs, \$1.4 million is allocated as part of this Proposed Budget.

Rincon Storm System Improvements Phase II

Even though it is entirely funded by the Redevelopment Agency, the Rincon Storm System Improvements Phase II project, scheduled for completion in October 2004, continues to be displayed for information purposes as part of the Storm Sewer System

Capital Program. The Redevelopment Agency transferred a total of \$27 million over a five-year period through 2002-2003 for the construction of storm sewer improvements in the North San José-Rincon De Los Esteros project area, including the Rincon Storm System Improvements. This project consists of a pump station and major pipeline improvements to alleviate recurring drainage problems experienced in the area bounded by Guadalupe River and Coyote Creek between Highway 101 and Montague Expressway. These improvements were recommended in the Rincon De Los Esteros Storm Drain Master Plan, which was completed in January 1999.

There are no delays expected to the Rincon Storm System Improvements Phase II project as a result of pending State fiscal action on the Redevelopment Agency. However, uncertain financing may delay Phase III of this project.

Master Plan Activities

Funding in the amount of \$300,000 for the development of a new Storm Master Plan is allocated in this CIP. This funding is recommended to identify and generate additional future Storm projects for areas in need of significant Storm system improvements. Staff will focus on targeted areas in the City with known drainage problems.

Storm Drainage Needs

Though the existing Storm Sewer Service Charge Fee three-year rate increase strategy has allowed the City to begin addressing some of the City's storm sewer needs, numerous outstanding needs still remain. In order to

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Storm Drainage Needs (Cont'd.)

fully meet city-wide neighborhood drainage needs, additional investments in average and major new storm drainage improvement projects will be necessary. Major projects are generally valued at more than \$2,000,000 per project. Examples of such projects include: new and rehabilitated storm lines in the Gardner/Atlanta neighborhood, storm drain system improvements in the Rock Spring neighborhood, installation of storm lines in the Julian-Guadalupe drainage basin, and storm drain improvements in the Washington neighborhood.

Major Changes from the 2004-2008 Adopted CIP

Major changes from the 2004-2008 Adopted CIP include the following:

- New funding in the amount of \$1.3 million to fund the Chateau Drive Storm Drain Improvement Phase I project as discussed above.
- New funding in the amount of \$400,000 to construct new storm drains on Fremont Street to address local flooding issues.
- New funding in the amount of \$500,000 for the Storm Pump Station Replacements project to redesign and replace existing aging pump stations.
- New funding in the amount of \$300,000 for the development of a new Storm Master Plan for a few areas

of the City with known drainage deficiencies.

- New reserve for the Alma Storm Drain project to fund the design and construction of a storm drain system in the Alma neighborhood. This project will include additional matching funds from the Redevelopment Agency and the Community Development Block Grant (CDBG) program.
- New ongoing allocation in the amount of \$25,000 annually to fund permit review and inspection of projects in outside agencies.
- One-time funding in the amount of \$100,000 for the implementation of new requirements (Provision C.3—New Development and Significant Redevelopment projects) of the City's National Pollution Discharge Elimination System permit.

Operating Budget Impact

The Department of Transportation maintains the City's Storm Sewer System. There are no additional operating and maintenance costs expected to be associated with the projects in the 2005-2009 Proposed CIP.

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

STORM SEWER SYSTEM

SOURCE OF FUNDS

USE OF FUNDS

2004-2005 USE OF FUNDS BY FUNDING SOURCE

The Source of Funds displays the capital revenues by funding source for each year of the Five-Year Capital Improvement Program. The Use of Funds displays the capital expenditures by line-item for each year of the five-year period. The 2004-2005 Use of Funds by Funding Source displays the funding sources for the capital expenditures that are budgeted in 2004-2005.

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
Source of Funds

SOURCE OF FUNDS	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
<u>Storm Drainage Fee Fund</u>							
Beginning Fund Balance	882,409	815,038	735,038	270,038	75,038	161,038	815,038 *
Revenue from Other Agencies:							
<u>Other Agencies</u>							
– Joint Participation with City of Cupertino	4,000	4,000	4,000	4,000	4,000	4,000	20,000
Taxes, Fees & Charges:							
<u>Storm Drainage Fees</u>							
– Storm Drainage Fee on Development	500,000	450,000	426,000	458,000	492,000	492,000	2,318,000
Reserve for Encumbrances	58,629						
Total Storm Drainage Fee Fund	1,445,038	1,269,038	1,165,038	732,038	571,038	657,038	3,153,038 *
<u>Redevelopment Capital Projects Fund</u>							
Revenue from Other Agencies:							
<u>Redevelopment Agency</u>							
– Rincon Storm System Improvements, Phase II	19,514,000						
Total Redevelopment Capital Projects Fund	19,514,000						*

* The 2005-2006 through 2008-2009 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
Source of Funds

SOURCE OF FUNDS (CONT'D.)	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	Total
<u>Storm Sewer Capital Fund</u>							
Beginning Fund Balance	2,608,108	3,017,599	99,599	138,599	66,599	125,599	3,017,599 *
Contributions, Loans and Transfers from:							
<u>Special Funds</u>							
- Transfer from Storm Sewer Operating Fund (446)	1,853,000	2,528,000	1,025,000	625,000	625,000	625,000	5,428,000
Interest Income	93,000	120,000	25,000	16,000	13,000	15,000	189,000
Reserve for Encumbrances	184,491						
Total Storm Sewer Capital Fund	4,738,599	5,665,599	1,149,599	779,599	704,599	765,599	8,634,599 *
TOTAL SOURCE OF FUNDS	25,697,637	6,934,637	2,314,637	1,511,637	1,275,637	1,422,637	11,787,637 *

* The 2005-2006 through 2008-2009 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program

Use of Funds

USE OF FUNDS	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
<u>Construction Projects</u>							
Chateau Drive Storm Drain Improvement, Phase I			150,000	513,000	150,000	513,000	1,326,000
Guadalupe River Park	7,000						
Guadalupe River Park Outfalls	236,000						
Old Oakland Road	63,000						
Rincon Pump Station	15,000						
Rincon Storm System Improvements, Phase II	19,514,000						
1. Albany-Kiely Storm Drainage Improvement, Phase II	520,000	1,980,000	25,000				2,005,000
2. Fremont Storm Drain Improvement		400,000					400,000
3. Minor Neighborhood Storm Drain Improvements	200,000	100,000	600,000	400,000	300,000		1,400,000
4. Miscellaneous Projects	776,000	237,000	100,000	175,000	300,000	400,000	1,212,000
5. Storm Pump Station Replacements		500,000					500,000
6. Willow Glen-Guadalupe, Phase II	8,000	1,975,000	25,000				2,000,000
Total Construction Projects	21,339,000	5,192,000	900,000	1,088,000	750,000	913,000	8,843,000
<u>Non-Construction</u>							
General Non-Construction							
Budget Office Capital Prog. Staff	21,000	23,000	10,000	7,000	7,000	7,000	54,000
CIP Action Team	38,000	26,000	19,000	21,000	22,000	21,000	109,000
Information Technology Staff	22,000	18,000	11,000	11,000	11,000	11,000	62,000
Public Works Equipment Maintenance and Replacement	20,000						

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
Use of Funds

USE OF FUNDS (CONT'D.)	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
<u>Non-Construction</u>							
General Non-Construction							
Public Works Recruitment, Training, and Development	10,000						
7. Fee Administration	14,000	14,000	12,000	12,000	10,000	10,000	58,000
8. Flow Monitoring System	9,000	9,000	9,000	9,000	9,000	9,000	45,000
9. Geographic Information Systems	8,000	58,000	8,000	8,000	8,000	8,000	90,000
10. Master Planning	64,000	300,000	10,000	10,000	10,000	10,000	340,000
11. Off-Site C.3 National Pollutant Discharge Elimination System (NPDES) Permit Implementation		100,000					100,000
12. Permit Review and Inspection for Outside Agencies		25,000	25,000	25,000	25,000	25,000	125,000
13. Preliminary Engineering	170,000	180,000	100,000	80,000	60,000	50,000	470,000
14. Program Management	150,000	155,000	100,000	80,000	60,000	50,000	445,000
Total General Non-Construction	526,000	908,000	304,000	263,000	222,000	201,000	1,898,000
Reserves							
Civic Center Occupancy Reserve			9,000	19,000	17,000	14,000	59,000
Reserve for Alma Storm Drain			693,000				693,000
Total Reserves			702,000	19,000	17,000	14,000	752,000
Total Non-Construction	526,000	908,000	1,006,000	282,000	239,000	215,000	2,650,000
Ending Fund Balance	3,832,637	834,637	408,637	141,637	286,637	294,637	294,637*
TOTAL USE OF FUNDS	25,697,637	6,934,637	2,314,637	1,511,637	1,275,637	1,422,637	11,787,637*

* The 2004-2005 through 2007-2008 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of same funds.

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
2004-2005 Use of Funds by Funding Source

	(413) Storm Drainage Fee Fund	(469) Storm Sewer Capital Fund	Total
TOTAL RESOURCES	1,269,038	5,665,599	6,934,637
<u>Construction Projects</u>			
1. Albany-Kiely Storm Drainage Improvement, Phase II		1,980,000	1,980,000
2. Fremont Storm Drain Improvement	200,000	200,000	400,000
3. Minor Neighborhood Storm Drain Improvements		100,000	100,000
4. Miscellaneous Projects	237,000		237,000
5. Storm Pump Station Replacements		500,000	500,000
6. Willow Glen-Guadalupe, Phase II		1,975,000	1,975,000
Total Construction Projects	437,000	4,755,000	5,192,000
<u>Non-Construction</u>			
General Non-Construction			
Budget Office Capital Prog. Staff	10,000	13,000	23,000
CIP Action Team	13,000	13,000	26,000
Information Technology Staff	5,000	13,000	18,000
7. Fee Administration	14,000		14,000
8. Flow Monitoring System		9,000	9,000
9. Geographic Information Systems		58,000	58,000
10. Master Planning		300,000	300,000
11. Off-Site C.3 National Pollutant Discharge Elimination System (NPDES) Permit Implementation		100,000	100,000
12. Permit Review and Inspection for Outside Agencies		25,000	25,000
13. Preliminary Engineering	30,000	150,000	180,000

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
2004-2005 Use of Funds by Funding Source

	(413) Storm Drainage Fee Fund	(469) Storm Sewer Capital Fund	Total
<u>Non-Construction</u>			
General Non-Construction			
14. Program Management	25,000	130,000	155,000
Total General Non-Construction	97,000	811,000	908,000
Total Non-Construction	97,000	811,000	908,000
Ending Fund Balance	735,038	99,599	834,637
TOTAL USE OF FUNDS	1,269,038	5,665,599	6,934,637

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

STORM SEWER SYSTEM

DETAIL OF CAPITAL PROJECTS

The Detail of Capital Projects section provides information on the individual capital projects with funding in 2004-2005, including the following: project name, City Service Area (CSA) and CSA Outcome supported by the project, responsible department, Council District, project location, project description, project start and completion dates, project justification, project costs by type of expenditure, funding sources for the project, and the annual operating budget impact. On the Use of Funds statement, these projects are numbered.

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

1. Albany-Kiely Storm Drainage Improvement, Phase II

CSA: Environmental and Utility Services **Initial Start Date:** 2nd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** 1st Qtr. 2006
Council District: 1 **Revised Completion Date:** 4th Qtr. 2005
Location: Albany Drive and Kiely Boulevard, between
 Lopina Way and San Tomas Creek
Description: This project consists of the rehabilitation of existing storm drainage pipe and water quality devices
 along Albany Drive and Kiely Boulevard, between Lopina Way and San Tomas Creek.
Justification: These improvements will help alleviate recurring drainage problems in the area.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development		100	100								100
Design		260	260								260
Bid & Award				9					9		9
Construction		1,940	160	1,971	25				1,996		2,156
TOTAL		2,300	520	1,980	25				2,005		2,525
FUNDING SOURCE SCHEDULE (000'S)											
Storm Sewer Capital Fund		2,300	520	1,980	25				2,005		2,525
TOTAL		2,300	520	1,980	25				2,005		2,525
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

None

Notes:

FY Initiated:	2003-2004	Redevelopment Area:	N/A
Initial Project Budget:	\$2,525,000	SNI Area:	N/A
Appn. #:	4693		

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

2. Fremont Storm Drain Improvement

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** 4th Qtr. 2005
Council District: TBD **Revised Completion Date:**
Location: Fremont Street near the Alameda

Description: This project will construct storm drains on Fremont Street, where no storm drains currently exist.

Justification: The storm water ponds within the neighborhood have the capacity to cause localized flooding problems.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development				7					7		7
Design				100					100		100
Bid & Award				3					3		3
Construction				290					290		290
TOTAL				400					400		400
FUNDING SOURCE SCHEDULE (000'S)											
Storm Drainage Fee Fund				200					200		200
Storm Sewer Capital Fund				200					200		200
TOTAL				400					400		400
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

None

Notes:

FY Initiated: 2004-2005 **Redevelopment Area:** N/A
Initial Project Budget: \$400,000 **SNI Area:** N/A
Appn. #:

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

3. Minor Neighborhood Storm Drain Improvements

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This ongoing allocation consists of minor storm drain projects, such as new inlet and lateral construction and reestablishing flow-lines in various neighborhoods. Resources will be allocated to address this need as funding permits.

Justification: This project will provide relief for minor drainage problems in neighborhood streets and improve water quality in the runoff conducted by the system.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Development		10	10	5	25	20	5		55	
Design		40	40	20	125	80	70		295	
Construction		150	150	75	450	300	225		1,050	
TOTAL		200	200	100	600	400	300		1,400	

FUNDING SOURCE SCHEDULE (000'S)										
Storm Sewer Capital Fund		200	200	100	600	400	300		1,400	
TOTAL		200	200	100	600	400	300		1,400	

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:	\$1,600,000	SNI Area:	N/A
Appn. #:	4483		

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
Detail of Capital Projects

4. Miscellaneous Projects

CSA: Environmental and Utility Services **Initial Start Date:** Ongoing
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Public Works **Initial Completion Date:** Ongoing
Council District: City-wide **Revised Completion Date:**
Location: City-wide

Description: This allocation funds unscheduled construction and engineering projects as needed. This includes participation in cooperative projects with other agencies in support of the storm sewer system. A portion of this allocation (\$100,000) is earmarked for the North Alviso Drainage and Gold Street Pump Station Upgrade project.

Justification: These funds provide engineering services and construction for unanticipated projects necessary to ensure public health and safety.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Construction		792	776	237	100	175	300	400	1,212		
TOTAL		792	776	237	100	175	300	400	1,212		

FUNDING SOURCE SCHEDULE (000'S)

Storm Drainage Fee Fund	500	500	237	100	175	200	375	1,087		
Storm Sewer Capital Fund	292	276					100	25	125	
TOTAL	792	776	237	100	175	300	400	1,212		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated: Ongoing

Redevelopment Area: N/A

Initial Project Budget:

SNI Area: N/A

Appn. #: 4272, 4287

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
Detail of Capital Projects

5. Storm Pump Station Replacements

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2004
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Public Works	Initial Completion Date: 2nd Qtr. 2005
Council District:	City-wide	Revised Completion Date:
Location:	City-wide	

Description: The funding will support the redesign and/or replacement of aging pump stations that need high maintenance.

Justification: Redesigning and/or replacing aging pump stations will achieve cost savings and enhance efficiency of the Storm system, which will be greatly improved.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design				150					150		150
Construction				350					350		350
TOTAL				500					500		500
FUNDING SOURCE SCHEDULE (000'S)											
Storm Sewer Capital Fund				500					500		500
TOTAL				500					500		500
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

None

Notes:

FY Initiated:	2004-2005	Redevelopment Area:	N/A
Initial Project Budget:	\$500,000	SNI Area:	N/A
Appn. #:			

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

6. Willow Glen-Guadalupe, Phase II

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2002

CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**

Department: Public Works **Initial Completion Date:** 3rd Qtr. 2005

Council District: 6 **Revised Completion Date:**

Location: West of Lincoln Avenue, between Pine & Nevada, Glenwood & Mildred Avenues

Description: This project consists of the installation of new and rehabilitation of existing storm drainage pipe along various neighborhood streets west of Lincoln Avenue between Pine Avenue and Nevada, Glenwood and Mildred Avenues. This project was broken down into two phases. Phase I was completed in 1999. Phase II, which completes the remaining storm drain construction improvements to this drainage basin, is scheduled for completion in September 2005.

Justification: Storm sewer improvements are needed to alleviate recurring drainage problems in the area, and to improve the water quality of the runoff conducted by the system.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development	171										171
Design	21	8	8	20					20		49
Bid & Award				5					5		5
Construction				1,950	25				1,975		1,975
TOTAL	192	8	8	1,975	25				2,000		2,200

FUNDING SOURCE SCHEDULE (000'S)

Storm Sewer Capital Fund	192	8	8	1,975	25				2,000		2,200
TOTAL	192	8	8	1,975	25				2,000		2,200

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

FY Initiated: 2002-2003
Initial Project Budget: \$2,200,000
Appn. #: 4476

Redevelopment Area: N/A
SNI Area: N/A

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

7. Fee Administration

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	N/A	Revised Completion Date:	
Location:	N/A		

Description: This allocation provides funding for the Public Works Development Program to collect Storm Drainage Fees.

Justification: This allocation is necessary to pay for the actual cost of collecting fees.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management		14	14	14	12	12	10	10	58		
TOTAL		14	14	14	12	12	10	10	58		
FUNDING SOURCE SCHEDULE (000'S)											
Storm Drainage Fee Fund		14	14	14	12	12	10	10	58		
TOTAL		14	14	14	12	12	10	10	58		
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	5411		

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

8. Flow Monitoring System

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: Storm flow monitors will be installed in the City's storm sewer system to gauge the amount of flow in the pipe. The information gathered will allow staff to analyze the relationship between the amount of rain, the amount of storm water runoff, and the type of storm drain.

Justification: This information will be used to increase the overall efficiency and accuracy of the storm sewer hydraulics design process.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Program Management		9	9	9	9	9	9	9	45	
TOTAL		9	9	9	9	9	9	9	45	

FUNDING SOURCE SCHEDULE (000'S)										
Storm Sewer Capital Fund		9	9	9	9	9	9	9	45	
TOTAL		9	9	9	9	9	9	9	45	

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:
N/A

Notes:
Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	5867		

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

9. Geographic Information Systems

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This allocation funds prorated contribution for staff and consultant support for the computerized Geographic Information System (GIS), used for tracking, monitoring, accessing, analyzing, and managing Storm Sewer System projects. \$50,000 of the 2004-2005 funding is needed to update City's GIS System with current storm drain system information.

Justification: This allocation would ensure cost-effective, timely, and reliable delivery of storm projects. It is critical to have updated GIS information for effective planning and maintenance.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management		8	8	58	8	8	8	8	90		
TOTAL		8	8	58	8	8	8	8	90		

FUNDING SOURCE SCHEDULE (000'S)											
Storm Sewer Capital Fund		8	8	58	8	8	8	8	90		
TOTAL		8	8	58	8	8	8	8	90		

ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4131		

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

10. Master Planning

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: Master planning for San José's Storm Sewer System provides for overall design, mapping, and identification of existing and ultimate sizes of main trunk drains, outfalls, and laterals. The most efficient use of outfall basins and minimization of the number of outfalls are primary goals of master planning. Equipment, composed of workstations with accessories and software to interface with the City's intergraph mapping system, will be upgraded as new technology develops.

Justification: Master planning will identify potential deficiencies caused by existing undersized drains and will identify areas in need of Storm Sewer System upgrades.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Master Plan/Study		64	64	300	10	10	10	10	340		
TOTAL		64	64	300	10	10	10	10	340		

FUNDING SOURCE SCHEDULE (000'S)

Storm Sewer Capital Fund	64	64	300	10	10	10	10	340
TOTAL	64	64	300	10	10	10	10	340

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	5252		

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

11. Off-Site C.3 National Pollutant Discharge Elimination System (NPDES) Permit Implementation

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2004
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Public Works	Initial Completion Date: 2nd Qtr. 2005
Council District:	City-wide	Revised Completion Date:
Location:	City-wide	

Description: The City will be required to inspect off-site projects required under new storm permit requirements (Provision C.3 - New Development and Significant Redevelopment). Inspectors will need to be hired, trained, and deployed to assure City compliance.

Justification: In the near future, staff must perform numerical sizing of new NPDES permit provisions for all public projects. New requirements include water quality control and hydro-modification prevention measures, such as parking prohibitions to accommodate street sweeping. These services are required to fulfill the mandates of the City's NPDES permit.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management				100					100		100
TOTAL				100					100		100

FUNDING SOURCE SCHEDULE (000'S)											
Storm Sewer Capital Fund				100					100		100
TOTAL				100					100		100

ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

None

Notes:

FY Initiated:	2004-2005	Redevelopment Area:	N/A
Initial Project Budget:	\$100,000	SNI Area:	N/A
Appn. #:			

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

12. Permit Review and Inspection for Outside Agencies

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: City staff performs many services for the review and inspection of projects for the Santa Clara Valley Water District. As is customary practice between public agencies, and per State law, the City and Water District do not charge one another for these services. Therefore, neither entity recovers its costs from the other.

Justification: City staff reviews plans, issues encroachment permits, and inspects the construction of Water District projects that are located within or will impact the City's right-of-way. Staff work is essential to ensure the safety of construction activities of the Water District's contractor, and the quality control of these projects. Failure to do so will result in the increased potential for undesirable traffic impacts (e.g. accidents) and impacts of the contractor's activities on public and private utility infrastructure.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management				25	25	25	25	25	125		
TOTAL				25	25	25	25	25	125		

FUNDING SOURCE SCHEDULE (000'S)

Storm Sewer Capital Fund	25	25	25	25	25	125
TOTAL	25	25	25	25	25	125

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:			

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

13. Preliminary Engineering

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This allocation provides funding to support preliminary engineering for storm sewer related projects, including surveys and evaluations of project impacts on the storm sewer system.

Justification: Preliminary engineering is required to define the scope and develop cost effective solutions to storm sewer issues.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development		170	170	180	100	80	60	50	470		
TOTAL		170	170	180	100	80	60	50	470		

FUNDING SOURCE SCHEDULE (000'S)											
Storm Drainage Fee Fund		30	30	30	30	63	50	50	223		
Storm Sewer Capital Fund		140	140	150	70	17	10		247		
TOTAL		170	170	180	100	80	60	50	470		

ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:
N/A

Notes:
Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4284		

Storm Sewer System Capital Program

2005-2009 Proposed Capital Improvement Program

Detail of Capital Projects

14. Program Management

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Public Works	Initial Completion Date:	Ongoing
Council District:	City-wide	Revised Completion Date:	
Location:	City-wide		

Description: This allocation provides funding for the monitoring of storm-related capital improvement projects and the preparation of the Storm Drainage Sewer Improvement Program Budget.

Justification: Administration and clerical support is necessary to process storm sewer capital improvement projects.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Program Management		150	150	155	100	80	60	50	445	
TOTAL		150	150	155	100	80	60	50	445	

FUNDING SOURCE SCHEDULE (000'S)										
Storm Drainage Fee Fund		25	25	25	25	64	45	35	194	
Storm Sewer Capital Fund		125	125	130	75	16	15	15	251	
TOTAL		150	150	155	100	80	60	50	445	

ANNUAL OPERATING BUDGET IMPACT (000'S)
None

Major Changes in Project Cost:
N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4286		

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

STORM SEWER SYSTEM

SUMMARY OF PROJECTS THAT START AFTER 2004-2005

The Summary of Projects that Start after 2004-2005 includes those projects that have funding budgeted starting after 2004-2005. On the Use of Funds statement, the projects in this summary are not numbered.

Storm Sewer System Capital Program
2005-2009 Proposed Capital Improvement Program
Summary of Projects that Start after 2004-2005

Project Name: Chateau Drive Storm Drain Improvement, Phase I	Initial Start Date: 3rd Qtr. 2005
5-Year CIP Budget: \$1,326,000	Revised Start Date:
Total Budget: \$1,326,000	Initial End Date: 2nd Qtr. 2007
Council District: 10	Revised End Date:

Description: This project upsizes the existing storm pipeline system on Chateau Drive.

Project Name: Reserve for Alma Storm Drain	Initial Start Date: N/A
5-Year CIP Budget: \$693,000	Revised Start Date:
Total Budget: \$693,000	Initial End Date: N/A
Council District: 7	Revised End Date:

Description: This allocation will provide funding for the design and construction of a storm drain system in the Alma neighborhood. Project scope includes roadway grading and the installation of storm drain pipelines, curbs, gutters, catch basins, and storm drain laterals. Funding from other jurisdictions would contribute to the total cost of this project.